

12/28/00

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Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 81862.P217

(maximum 12 characters)

First Named Inventor Gary Goldman et al.

Title: VIRTUAL CONNECTION SERVICE CACHE FOR FILLING AVAILABLE BANDWIDTH

Express Mail Label No. EL672752244US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

JC564 U.S. PTO
09/749089
12/26/00

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 19)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 6)**
5. ☐ **Oath or Declaration (Total Pages)**
 - a. ☐ Newly Executed (Original or Copy)
 - b. ☐ Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. ☐ **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. ☐ Unsigned.
6. ☐ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies

Physical Properties		Chemical Properties		Thermal Properties		Mechanical Properties		Electrical Properties		Optical Properties		Acoustic Properties		Magnetic Properties		Biological Properties		Environmental Properties													
Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value												
Length	1.2 m	Weight	2.5 kg	Color	White	Texture	Smooth	Strength	10 N	Resistance	100 Ohm	Transmittance	90%	Speed	340 m/s	Field	0.5 T	Biocompatibility	Yes	Stability	10 years										
Width	0.5 m	Height	0.8 m	Material	Aluminum	Finish	Polished	Stiffness	50 N/m	Capacitance	100 pF	Reflectance	10%	Frequency	1000 Hz	Current	1 A	Toxicity	Low	Corrosion	None										
Depth	0.3 m	Volume	0.1 m³	Surface Area	1.5 m²	Volume	0.1 m³	Modulus	70 GPa	Inductance	100 mH	Absorbance	1%	Wavelength	500 nm	Voltage	10 V	Flammability	Low	Leakage	None										
Mass	2.5 kg	Density	2500 kg/m³	Porosity	0%	Permeability	0%	Hardness	100 HV	Resistance	100 Ohm	Conductivity	10 S/m	Refractive Index	1.5	Power	10 W	Biodegradability	Yes	Recycling	Yes										
Temperature	20°C	Humidity	50%	Pressure	1 atm	Force	10 N	Energy	10 J	Frequency	1000 Hz	Wavelength	500 nm	Speed	340 m/s	Field	0.5 T	Biocompatibility	Yes	Stability	10 years										
Length	1.2 m	Width	0.5 m	Height	0.8 m	Depth	0.3 m	Mass	2.5 kg	Density	2500 kg/m³	Porosity	0%	Permeability	0%	Force	10 N	Energy	10 J	Frequency	1000 Hz	Wavelength	500 nm	Speed	340 m/s	Field	0.5 T	Biocompatibility	Yes	Stability	10 years

- 18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

(which is a ____ continuation/ ____ divisional/ ____ CIP of prior application no. _____,
which is a ____ continuation/ ____ divisional/ ____ CIP of prior application no. _____) (List entire chain of priority)

18B. Statement under 37 CFR 3.73(b) for continuing application:

19.	Correspondence Address
-----	------------------------

X	Correspondence Address Below
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CITY	Los Angeles	STATE	California	ZIP CODE	90025-1026
------	-------------	-------	------------	----------	------------

Country	U.S.A.	TELEPHONE (408) 720-8300	FAX (408) 720-9397
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Name (PRINT/TYPE): Tom Van Zandt Registration No.: 43,219

Signature: Yusef H. H. Date: 12/26/00

FEE TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT (\$)	862.00
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Complete if Known:

Application No. Not yet known

Filing Date Herewith

First Named Inventor Gary Goldman

Group Art Unit	Not yet known
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Examiner Name Not yet known

Attorney Docket No. 81862.P217

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **02-2666**

Deposit Account Name

- [X] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17**

- [] Applicant claims small entity status. See 37 CFR 1.27**

2. X Payment Enclosed: X Check
 Credit Card
 Money Order
 Other

FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>		<u>Small Entity</u>			
<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee</u>		
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>	<u>Fee Description</u>	<u>Fee Paid</u>
101	710	201	355	Utility application filing fee	710.00
106	320	206	160	Design application filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional application filing fee	

SUBTOTAL (1) \$ 710.00

2. EXTRA CLAIM FEES

2. <u>EXTRA CLAIM FEES</u>			Fee from below		Fee Paid
		Extra Claims			
Total Claims	<u>24</u>	- 20** = <u>4</u>	X	<u>18.00</u>	= <u>72.00</u>
Independent Claims	<u>4</u>	- 3** = <u>1</u>	X	<u>80.00</u>	= <u>80.00</u>
Multiple Dependent					=

****Or number previously paid, if greater; For Reissues, see below.**

Large Entity		Small Entity		
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	<u>Fee Description</u>
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$152.00

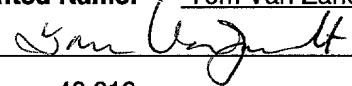
FEE CALCULATION (continued)**3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for ex parte reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for reply within first month	_____
116	390	216	195	Extension for reply within second month	_____
117	890	217	445	Extension for reply within third month	_____
118	1,390	218	695	Extension for reply within fourth month	_____
128	1,890	228	945	Extension for reply within fifth month	_____
119	310	219	155	Notice of Appeal	_____
120	310	220	155	Filing a brief in support of an appeal	_____
121	270	221	135	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive - unavoidable	_____
141	1,240	241	620	Petition to revive - unintentional	_____
142	1,240	242	620	Utility issue fee (or reissue)	_____
143	440	243	220	Design issue fee	_____
144	600	244	300	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	130	123	130	Petitions related to provisional applications	_____
126	180	126	180	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	_____
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
179	710	279	355	Request for Continued Examination (RCE)	_____
169	900	169	900	Request for expedited examination of a design application	_____
Other fee (specify) _____					_____
Other fee (specify) _____					_____

SUBTOTAL (3) \$ 0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Tom Van Zandt
Signature:  Date: 12/26/00
Reg. Number: 43,219 Telephone Number: (408) 720-8300

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor Gary Goldman

Title VIRTUAL CONNECTION SERVICE CACHE FOR FILLING AVAILABLE BANDWIDTH

Attorney Docket No. 81862.P217

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

12/26/00
Date


Signature

Tom Van Zandt

Typed or Printed Name

43,219

Registration No.

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months after the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application.

Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Send to: Assistant Commissioner for Patents, Washington, D.C. 20231